

**Department of Public Works and Transportation  
Montgomery County, Maryland**

***DIVISION OF SOLID WASTE SERVICES***



VOLUNTEERS SOLIDIFY LATEX PAINT (AT THE HAZARDOUS WASTE COMPOUND)

***MONTHLY REPORT  
JANUARY 2005***



*Printed on Recycled and Recyclable Paper*

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## **OVERVIEW**

### **Tonnage at a Glance**

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2005 began July 1, 2004.)

<b>FACILITY</b>	<b>Jan FY05</b>	<b>FY05 Total</b>	<b>Jan FY04</b>	<b>Jan FY03</b>
Materials Recovery Facility <sup>(1)</sup>	7,732 tons	54,473 tons	7,174 tons	7,309 tons
Brunswick Landfill Facility <sup>(2)</sup>	18,661 tons	178,625 tons	21,319 tons	15,252 tons
Resource Recovery Facility <sup>(3)</sup>	48,713 tons	345,737 tons	50,995 tons	43,389 tons
Yard Trim Compost Facility	658 tons	56,072 tons	1,593 tons	6,518 tons

<sup>(1)</sup>MRF tons reported are outgoing.

<sup>(2)</sup>This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

<sup>(3)</sup>RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

### **Revenue Analysis and Systems Evaluation** – During January, program staff:

- ◆ Researched 380 new properties and entered billing changes into database;
- ◆ Prepared monthly house counts for collection contractors;
- ◆ Processed vacancy refunds payable in January;
- ◆ Updated Access™ databases and Excel™ spreadsheets for monthly collection contractor reports;
- ◆ Updated street listing maps;
- ◆ Continued routine search for and correction of solid waste fee abnormalities in the property tax database;
- ◆ Generated Hauler Credit Account invoices for January 2005 totaling \$1,271,787.47 (a decrease of \$32,838.63 below January 2004);
- ◆ Updated Aging Report (30-day arrearage was \$28,501.36 as of February 11th);
- ◆ Sent reminder letters to licensed Collectors and Haulers requesting their July through December 2004 Tonnage Reporting;
- ◆ Reconciled the first 6 months of FY05 tons to monies posted in FAMIS, as well as to the total dollars charged in Paradigm;
- ◆ Prepared 2<sup>nd</sup> quarter revenue analysis for all three solid waste funds, reported to OMB, and updated FY06-FY11 Rate Model with same;
- ◆ Assisted with preparation of a video describing the County Solid Waste Management System;
- ◆ Prepared revised forecasts for the 10-Year Comprehensive Solid Waste Management Plan (calibrating to the County's FY04 system-wide tonnage accounting and incorporating latest M-NCPPC population and employment forecasts);

- ◆ Presented major program briefing to SWAC on the work of the Revenue Analysis and System Evaluation Program, including the fiscal management of the Solid Waste Fund, calculation of supporting rates and charges and system-wide and regional tonnage tracking.
- ◆ Assisted Division preparation for County Council T&E meeting;
- ◆ Conducted interviews for vacant Senior Financial Specialist position;
- ◆ Continued work on FY06-FY12 Budget and Rate Model responding to OMB questions.

## **CITIZEN COMMITTEES**

**Facilities Implementation Group** – FIG met on December 14, 2004, at the Gothic Barn in Dickerson. Twelve FIG members, one County staff and three guests were in attendance. Topics discussed included review of video for facility drivers and review of wayside signs for the Linden Farm and the Gothic Barn.

The next FIG meeting will be held on March 8, 2005, at the Gothic Barn in Dickerson.

**Solid Waste Advisory Committee** – SWAC held its regular monthly meeting on Tuesday, January 4<sup>th</sup>, in the Executive Office Building 6<sup>th</sup> Floor Conference Room. Eight SWAC members, five County staff and three guests were in attendance. DSWS staff provided updates on waste system program development, systems benefit charge and revenue analysis and system evaluation.

## **COLLECTIONS**

**Refuse** – There were no disruptions to service during the month of January. One holiday, Martin Luther King Jr. Day, was a working holiday and everything went as scheduled.

**Contractor Performance** - During the month of January 2005, DSWS received 265 complaints; 179 less than January 2004, which numbered 444.

**Enforcement Actions** – One citation in the amount of \$500 was issued for collecting or transporting solid wastes without a valid collectors tag.

Four NOV's were issued for violations of the County's Solid Waste Laws:

Three NOV's	Failed to have a recycling program on site (commercial)
One NOV	Improperly stored or permitted solid wastes to accumulate

**Recycling** – Approximately 18,000 wheeled carts were delivered during the month of January in areas 5 & 6. This included neighborhoods such as Four Corners, White Flint, Paint Branch, Spencerville, Cloverly, Colesville, Fairland and Layhill. February cart deliveries will be in area 4 and include the neighborhoods of Silver Spring, Forest Glen, Takoma and Wheaton.

Mixed paper tonnages for the residential program during the past 52 weeks are as follows:

CURRENT PERIOD	POUNDS PER HOUSEHOLD	CORRESPONDING PERIOD PREVIOUS YEAR
1/19/04-2/13/04	9.33	8.83
2/16/04-3/12/04	9.82	8.94
3/15/04-4/09/04	10.19	10.01
4/12/04-5/07/04	10.58	9.93
5/10/04-6/04/04	10.96	10.09
6/07/04-7/2/04	9.97	9.77
7/05/04-7/30/04	9.49	9.05
8/02/04-8/27/04	10.09	9.37
8/30/04-9/24/04	11.34	10.43
9/27/04 – 10/23/04	10.98	10.50
9/27/04 – 10/23/04	10.98	10.50
10/25/04 – 11/19/04	11.74	11.43
11/22/04-12/17/04	11.94	11.97
12/20/04-1/14/05	12.05	10.67

**Customer Service** – Number of Calls Received: 5,236

Number of E-mails Received: 521

♦ Number of Trash Specials scheduled via e-mail: 143

♦ Number of Scrap Metals scheduled via e-mail: 206

Number of Blue Bin Requests: 1,154

**Public Outreach** – Our field staff distributed 603 survey cards during January. We had a 10.3% return rate; 89.3% of respondents rated our various programs as either excellent or good.

For the month of January, 81 residents responded to our website survey. The following are percentages of the results:

Curbside Programs	Excellent	Good	Acceptable	Poor	Unacceptable	Not Answered
Blue Bin	77%	10%	6%	0	1%	6%
Mixed Paper	63%	22%	2.5%	2.5%	1%	9%
Yard Trim	49%	25%	11%	0	1%	14%
Scrap Metal	27%	22%	6%	0	0	45%
Trash	43%	25%	9%	0	0	23%
Recycling Crew	53.5%	33.5%	6%	1%	1%	5%
Trash Crew	42%	14%	2%	0	1%	41%
Customer Service Staff	74%	7%	1%	0	4%	14%

Programs Residents Familiar with	Yes	No	Not Answered
HHW	66%	30%	4%
Holiday Slide Schedule	83%	13%	4%

**Additional comments:** We continue to encourage our residents to take advantage of all that DSWS has to offer and an invitation to join our Holiday Slide e-mail notification list via our web site.

**Web site** - The following is information gathered from the Montgomery County Solid Waste web site through the month of January:

List Memberships	New December Subscribers	Total Subscribers
HHW Announcements	47	1,469
Holiday Reminder List	83	4,707
Newsletter Helper	23	481
Usage Counters – January 2005		
Total of Visits		5,627
Total Page Views		9,167
<b>Top Ten Pages:</b> <ul style="list-style-type: none"> <li>• Holidays</li> <li>• Trash</li> <li>• How to recycle/dispose of...</li> <li>• HHW</li> <li>• Christmas trees</li> <li>• Blue carts</li> <li>• Special collections</li> <li>• Curbside recycling</li> <li>• Scrap metal</li> <li>• Computer recycling</li> </ul>		
SORRT		
Total Page Visits		382
Number of page views		569
TRRAC		
Total Page Visits		212
Number of page views		371

#### Comments from e-mails:

I signed up for and receive your holiday notices. I just wanted to let you know how helpful they are and I appreciate them. Your notice concerning pick-ups due to weather related scheduling is also very helpful.

Thank you for the update. I find this e-mail notification service VERY helpful. And I seem to be one of the few on my street who put recycling out on the correct days after holidays - because I get these notices. Keep 'em coming!

Just wanted you to know that I enjoy the cheerful tone in your messages, and your promptness in advising of last-minute changes or lack of changes, such as the note below.

Thanks so much for your information. We feel for the waste management truckers and as our pick-up is not serious for two folks we shall wait [Ed: with setting out recyclables/trash] for next Monday. May those workers be cautious in the slippery areas!

I want to thank and compliment you for your very personal, human and intelligent manner of communicating with us. It is quite refreshing and inspiring.

Thanks for making information about Christmas tree recycling so easily available on your site. I found the information I was looking for with ease. Great job!

## **WASTE MINIMIZATION**

<b>Product Recycled</b>	<b>Approximate weight recycled in January 2005</b>
Computer	49.3 tons
Fire Extinguishers	1.2 tons
Propane Tanks	2.2 tons
Textiles	11.0 tons
Construction Materials (Don't Dump – Donate)	0.5 tons
Bicycles	None
Rechargeable Batteries	None

**Department of Environmental Protection's Home Composting and Source Reduction Activities** – The GreenMan Show airs daily on Cable Channel 6, with online streaming video and access to past shows via online archives.

The GreenMan Column continues in the Montgomery County and Frederick County editions of the Gazette Newspapers. The column is also accessible online via [greenmanshow.com](http://greenmanshow.com) and at [www.gazette.net](http://www.gazette.net) under "Columns."

Planning has begun on several major Earth Day events, including school and community-based programs on vermicomposting, composting, and environmental lawn care, as well as rain gardens and possible rain barrel workshops. One project involves significant media coverage of workshops conducted in conjunction with U.S. EPA and Kingsview Middle School. This program began with a youth symposium in San Diego in 2003, and as a pilot in 2003 with just one school in Pennsylvania serving as a model of how schools and school partners can establishing effective "Make A Difference" campaigns through an "environmental challenge day." Details can be found at: <http://www.epa.gov/epaoswer/osw/conserve/2004news/08-mad.htm>. This year, EPA is looking to use two schools as nationwide models of such an awareness event, which

will allow Montgomery County to spotlight many of our more innovative programs. Also invited to attend are representatives from recycling and waste reduction programs.

## **HAZARDOUS WASTE PROGRAMS**

**Household Hazardous Waste Collection** – In January, 1,507 patrons used the regular HHW drop-off program at the Transfer Station.

**Mercury (Hg) Free Campaign** – The program for collecting Hg thermometers and passing out digital thermometers continues to receive active participation via walk-ins at the Transfer Station office and exchanges at the HHW drop-off sites.

**Small Quantity Generator/Ecowise Program** – One Small Quantity Generator (SQG)/Ecowise event was held on January 12<sup>th</sup>; 12 companies participated in the event.

## **AIR PERMITS AND ENVIRONMENTAL PROGRAMS**

**Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations** – The Continuous Emissions Monitoring System (CEMS) continued to track the percent load, certain engineering parameters and emissions of all three units. The CEMS indicated that units 2 and 3 operated at full load until January 10<sup>th</sup> while unit 1 remained shut down since December 10, 2004. At approximately 12:00 a.m. on January 10<sup>th</sup>, the CEMS started showing emissions from unit 1 indicating that the unit was brought online because the waste storage in the pit was reaching 10,000 tons. Thereafter, all three units operated at full load until January 12<sup>th</sup>. At approximately 12:00 a.m. January 12<sup>th</sup>, the CEMS showed no emissions from unit 1 indicating that the unit was brought offline again. Inquiries with Covanta indicated that the unit was brought offline because the operators noticed a leak in the header drain pipe. Thereafter, units 2 and 3 operated at full load until approximately 1 a.m. on January 13<sup>th</sup> when the CEMS started showing emissions from unit 1 indicating that the unit was brought online after repairs to the drain pipe were completed. Thereafter, all three units operated at full load until approximately 8 a.m. on January 25<sup>th</sup> when the CEMS indicated a significant carbon monoxide (CO) spike on all three units and no further emissions indicating that all of the units shut down simultaneously. Covanta immediately informed DSWS staff that there was a sudden power failure by the RRF generator and the operators were working to correct the problem. Within an hour, Covanta corrected the problem and at 9 a.m. the CEMS started showing emissions from all three units indicating that all the units were back online. Thereafter, all three units operated at full load until midnight on January 28<sup>th</sup> when the CEMS showed no emissions from unit 2 indicating that the unit was brought offline. Inquiries with Covanta indicated that they found some broken grate bars. Thereafter, units 1 and 3 operated until January 31<sup>st</sup>. Unit 3 was brought offline for 4 hours (11 p.m. on January 30<sup>th</sup> to 2 a.m. on January 31<sup>st</sup>) for replacing the ash crane's electrical supply breakers. At approximately 4 a.m. on January 31<sup>st</sup>, the CEMS started showing emissions from unit 2 indicating that the unit was brought online after replacing the broken grate bars. Thereafter, all three units operated until the end of the month. During weekends, the facility was running at approximately 70% load for



accumulating waste in the pit. There were no other equipment malfunctions that affected stack emissions in January with the exception of the incidents discussed above.

On January 25<sup>th</sup> when all three units shut down for an hour because of power loss, the 8 a.m. CO levels for units 1, 2 and 3 reached 2134 parts per million (ppm), 158 ppm and 693 ppm respectively. Although the CO emissions from units 1 and 3 exceeded the Title V Permit limit of 200 ppm, it does not constitute a Permit exceedance because the power loss was caused by generator malfunction.

**RRF Stack Opacity Test** – On January 10<sup>th</sup>, Covanta performed the monthly "Opacity Test" for the month of January. The opacity test is a requirement under the RRF Title V Air Permit. As in past tests, the opacity readings were 0% compared to the Title V Permit limit of 10%.

In the first week of January, the set of three CEMS CD-ROMs were updated to include CEMS data up to December 31<sup>st</sup>. Copies of the CDs were placed in the Rockville and Poolesville libraries.

**FIG-SWAC Air Quality Subcommittee** – ENSR submitted a copy of preliminary sections of the 2004 Non-Air Media Monitoring Program for DSWS review. The documents will be reviewed for consistency with the Scope of Work under the contract. After this review is completed, ENSR will prepare a draft report for submission to DSWS by the middle of February. The report will be mailed to the Subcommittee members for review.

**Oaks Landfill Air Emissions and Energy Recovery** – SCS Engineers submitted gas sampling results at the Oaks Landfill for the month of January 2005. In January, two gas samples were taken at the flare inlet on four different days for a total of 8 samples. Methane levels were also measured on those four days at the blower inlet and the flare inlet for a total of 17 measurements. From a total of 8 gas samples, the gas flow ranged from 788 standard cubic feet per minute (scfm) to 999 scfm for an average flow of 904 scfm. From a total of 17 measurements of methane concentrations in the gas, the methane levels ranged from 47.5% to 57.7% for an average of 52.9%. SCS will continue to conduct monthly gas sampling and analysis at the Oaks under the Engineering Services Contract. The gas sampling results will be used to prepare the 2005 "Emissions Certification Report" for submission to MDE.

### **Contracts and RFP's**

- ♦ **ENSR Contract** – ENSR's contract will expire in May 2005 and needs to be renewed for the final year of the contract in order that ENSR can complete the Cumulative Health Risk Assessment. ENSR is currently preparing the draft report for the 2004 Non-Air Media Monitoring Program for submission to DSWS in February and continues work on the Cumulative Health Risk Assessment.
- ♦ **TES Contract** – TES' contract will expire in August 2005. The contract will be renewed for another year. TES performed the monthly maintenance work for the

month of January. All instruments including the anemometer, wind vane, temperature and dew point sensors, and the rain gauge have been performing correctly. The total rainfall for January was 3.37 inches.

## **RECYCLING**

**Public Education and Outreach** – Executive Regulation (ER) 15-04 is under review by the County Council. On January 27<sup>th</sup>, the T & E Committee held a work session on the Comprehensive 10-Year Solid Waste Management Plan and also discussed ER 15-04. The T & E Committee requested that the County Executive make one change to the regulation. ER15-04AM is to be discussed and acted upon by the Full-Council on February 8, 2005. The QSC has completed oral interviews of 8 outreach firms that submitted written proposals to the RFP for a new outreach contract. Several recruitment processes are underway to fill vacant staff positions. Pursuant to a discussion at a Council Education Committee session with MCPS, staff was asked to provide technical assistance to MCPS on improving their collection and utilization of recycling data. On January 12<sup>th</sup>, staff met with MCPS and Council staff to discuss numerous relevant issues and made recommendations for future action by MCPS. Staff made a presentation on recycling to the County's Environmental Coordinators on January 19<sup>th</sup>.

**Commercial Recycling and Waste Reduction** – Staff conducted 582 on-site visits of businesses in January and resolved 5 complaints. In a continuing effort to improve recycling programs at small businesses, staff distributed 448 desk-side recycling bins to businesses in January. A multi-media campaign designed to notify businesses of their legal requirements to file annual recycling and waste reduction reports began in January and will continue through the end of February. Staff forwarded two enforcement issues to Code Enforcement, one for a property owner not providing recycling collection services to their tenants and the other to a business for not recycling required materials. Notices of violations were issued and both cases have been resolved.

**Multi-Family Recycling** – In January, site visits to multi-family properties continued, and 425 baby blue apartment bins were delivered. Annual reports for calendar year 2004 continued to come in and approximately 350 were received, which are due on February 1<sup>st</sup>. The multi-media campaign to inform multi-family property managers of the annual reporting requirements continued in January. Work has begun on a Spanish-speaking cable television advertisement on recycling which is designed to help stimulate high interest among the Spanish-speaking members of the multi-family community. Revisions to the Property Manager's Guidebook continue. Work began on the winter issue of the TRRAC newsletter and on the TRRAC seminars that are scheduled for June 2005.

**Mixed Paper Recycling** – Existing educational materials are being distributed to residents at events. Larger quantities of materials are also provided to homeowner's associations and civic groups for their use and distribution.

**Volunteer Activities** – During January, one volunteer provided 5 hours of assistance in the office. The program recruited four new volunteers in January.

## **PILOT PROGRAMS**

**Cooperative Collection** – Contract negotiations for recycling and waste collection services between the businesses and recycling collection companies continued in January.

**ComPRO Pilot** – The County has developed a pilot bagged ComPRO production at an MES facility in Baltimore, MD. Production of ComPRO began in October 2003. Year-to-date ComPRO sold is 4,296 bags.

**Tubgrinding Pilot** – Tubgrinding of screen rejected material started on July 27, 2004 and ended on August 20, 2004.

## **FACILITY ACTIVITIES**

**Resource Recovery Facility** – The RRF processed 48,713 tons or 1,571 tons per day. Trash deliveries averaged 9,908 tons/week. At the beginning of the month, unit 1 was down due to reduced MSW flows to the facility. The unit remained down until January 10<sup>th</sup> only to come back down on January 12<sup>th</sup> to repair a drain line. After 26.3 hours, the unit was repaired and returned to service. On January 29<sup>th</sup>, unit 2 was removed from service for a grate bar repair. After 14 hours, the repairs were completed and the unit remained on standby until Monday January 31<sup>st</sup>. On January 30<sup>th</sup>, unit 3 was brought down for 4.5 hours to permit replacement of the ash crane electrical supply breaker.

There were no OSHA recordable incidents during the month.

There were no generation emergencies issued by Mirant during the month of January. The plant successfully completed its winter max generation test on January 11<sup>th</sup>. On January 25<sup>th</sup>, the plant purchased 9.5 MW of power due to a turbine generator trip that was caused by an instrumentation problem.

There were no reportable air or water quality environmental excursions during the month. However, on January 25<sup>th</sup>, while repairs were being performed on the Balance of Plant Bailey Controls System, a power supply failure caused a control voltage drop and subsequent trip of the turbine generator. Although operations were quickly restored, it took almost 2 hours to fully stabilize combustion; therefore, CO excursions were recorded for units 1 and 3. Since the malfunction period (and subsequent elevated CO emissions) occurred during 08:00-09:46, the Title V, 3-hr malfunction relief provisions exempt this period from the Title V CO standards.

The following environmental activities occurred:

- ♦ Submitted the December 2004 Water Supply Monthly Operating Report to MDE;

- ◆ Performed the monthly visible emission (Method 9) observation required by the RRF's Title V permit;
- ◆ Steve Lang from MDE performed a routine Title V inspection on January 20<sup>th</sup>. No significant issues were noted;
- ◆ Mitchell Welsh, Regional Inspector for MDE, performed a routine solid waste inspection on January 19<sup>th</sup>. No significant issues were noted;
- ◆ Submitted the 4<sup>th</sup> quarter 2004 Operations and Emissions report to MDE;
- ◆ Submitted the second half of calendar year 2004 Semi-Annual Report to EPA/MDE as required by 40 CFR 60 Subpart Cb;
- ◆ Submitted the 2004 Annual Sewage Sludge Generators Report to MDE;
- ◆ Submitted the 4<sup>th</sup> quarter 2004 NPDES Discharge Monitoring Report to MDE;
- ◆ Submitted the 1<sup>st</sup> quarter 2005 Potable Water Bacteriological Monitoring Report to MDE;
- ◆ Submitted updated Chemtreat boiler/cooling tower treatment chemical usage list to MDE as requested; and
- ◆ Notified and submitted a spill report that occurred on January 28, 2005.

**Materials Recovery Facility** – Approximately 2,012 tons of commingled material were shipped out and approximately 5,720 tons of mixed paper were loaded out and transferred to OPS' processing facility in January 2005. Renovations began for improvements in the men's restroom. The perforator drums were replaced since the spikes have worn over time. A contractor assessed the need for a dust control system near the pre-sort line. A group of visitors from Beijing toured the facility. MES filled an equipment operator position. MES continues to seek a candidate for the recycling education specialist position.

**Oaks Landfill** – The parking lot at the administration building continued to be used as an assembly and staging area for the large blue mixed paper carts currently being distributed in that portion of the County. One of the two existing electric-powered blower units for the gas flaring system failed and a new standby blower was ordered. There is still ample equipment working to operate the flare system.

**Gude Landfill** – Work on the installation of the enclosed flare gas management system continued. Efforts are currently focused on installation of electrical conduits and control cables. A private contractor was hired to install an electric pole behind the flare station in order to get the work done before the area becomes crowded with piping and the planned equipment shelter. Formal electric service requested from PEPCO has not yet been installed. With respect to the study of potential gas migration from the site along the utility right-of-way border, DSWS is still awaiting final clearance from utility companies with gas lines in the area before SCS Engineers can perform planned field evaluations involving borings into the soil to check for the presence of landfill gas.

**Transfer Station** – During January, Covanta shipped via rail 41,513 tons of processible waste from the Transfer Station to the RRF; 5,799 fewer tons than shipped in January 2004. This reduction in tonnage, which has been consistently noted over the last several months, could be the result of the tip fee increases last July which have

caused some customers to seek alternative disposal options, along with the opening of a private Construction and Demolition (C&D) debris recycling facility in the County.

The new compactor (#4) was tested and is complete and ready for service. It is still awaiting final permit inspection before it can be put into regular use.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

SCS Engineers continued design work on a proposed expansion of the tipping floor and transfer building. SCS and DSWs staff met to discuss scale house improvements and reviewed existing utilities in the area.

The inbound radiation detectors had 20 alarms in January 2005. There was one false alarm (an alarm that could not be re-verified) - all of the valid alarms were identified as low levels of medical isotopes with short half-lives and were accepted. Seven of the cases involved drivers or passengers who had undergone recent medical tests or treatment, and residual radiation set off the alarms.

**Site 2 Landfill Properties** – As part of the effort to arrange dam safety inspections for the ponds on the properties, DSWs staff has determined that with the exception of 1 pond out of 7, there is no need for the ponds by the current tenants. DSWs staff plans to explore wetland issues and discuss with the local citizen advisory group before it decides on whether the pond embankments should be disturbed so as to drain the water from the ponds, thus eliminating the need for dam inspections. All farm leases have expired and staff is preparing various new leases.

**Yard Trim Compost Facility** – In January, the Yard Trim Compost Facility received 658 tons of material for composting. The year-to-date total is 56,072 tons.

One thousand seven hundred and fifty-nine (1,759) cubic yards of Leafgro were shipped to distributors.

**Bagging Operation** – In January, 6,800 bags of Leafgro were shipped to distributors (each bag is 1.5 cubic ft. weighing 45 lbs.). No ComPRO was shipped to distributors (each bag is 1 cubic ft. weighing 30 lbs.).

## **Out-of-County Haul**

**Brunswick County, Virginia** – During January, approximately 12,874 tons of ash residue and 5,787 tons of nonprocessible waste were transported to the County's dedicated disposal cell at BWMF Landfill in Brunswick County, Virginia. No rubble was recycled this month at Clean Earth in Hagerstown, MD. Clean Earth continues to be overloaded by other customers and has not been able to accept additional material. DSWs and BWMF are exploring the availability of other rubble recycling facilities. Approximately 387 tons of oversize bulky wood waste for recycling was shipped from the Transfer Station to Butler Wood Recycling in Tuscarora, MD.

## **GENERAL INFORMATION**

### **Important Telephone Numbers**

General information on solid waste	240-777-6400
Customer Service	240-777-6410
Transfer Station	301-840-2370 (County Office) 301-590-1032 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	301-840-2701 (County Office) 301-417-1447 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWS	<a href="http://www.montgomerycountymd.gov/solidwaste">www.montgomerycountymd.gov/solidwaste</a> <a href="http://www.montgomerycountymd.gov/recycling">www.montgomerycountymd.gov/recycling</a>

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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## SOLID WASTE FACTS IN A NUTSHELL

<b>TOPIC OR FACILITY</b>	
Latest Recycling Rate Reported in Montgomery County	37.6% (FY04)
Recycling Goal	50% by December 2004
Resource Recovery Facility (RRF)	Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste).
Yard Trim Composting Facility (DCF)	Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY04 tons received- 76,972
# Residences receiving trash collection by County contractors	86,252
# Residences receiving collection of recyclables in blue bins and yard trim collection	205,561
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started on October 20, 1997.)

## GLOSSARY OF ACRONYMS

AAR	American Ash Recycling, Inc.
APC	Air Pollution Control
ASME	American Society of Mechanical Engineers
BWMF	Brunswick Waste Management Facility, Inc.
CDL	Commercial Driver's License
CEMS	Continuous Emissions Monitoring System
CFR	Code of Federal Regulation
CIP	Capital Improvements Program
COD	Cash on Delivery
COG	Metropolitan Washington Council of Governments
CSX	Chesapeake Transportation Systems
CY	Calendar Year
DEP	Department of Environmental Protection
DNR	Maryland Department of Natural Resources
DSWS	Division of Solid Waste Services
EPA	Environmental Protection Agency
FIG	Facilities Implementation Group
FY	Fiscal Year
GFA	Gross Floor Area
HHW	Household Hazardous Waste
IFB	Invitation For Bid
IPM	Integrated Pest Management
KMCB	Keep Montgomery County Beautiful
LFG	Landfill Gas
LTTS	Leachate Thermal Treatment System
MCPS	Montgomery County Public Schools
MCR	Maximum Continuous Rating
MDE	Maryland Department of Environment
MES	Maryland Environmental Service
Mg/l	Milligrams per liter
M-NCPPC	Maryland National Capital Park and Planning Commission
MRA	Maryland Recycling Act
MRF	Materials Recovery Facility
MSW	Municipal Solid Waste
MWh	Mega Watt hours
NIH	National Institutes of Health
NMWDA	Northeast Maryland Waste Disposal Authority
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
NTP	Notice to Proceed
OLAC	Oaks Landfill Advisory Commission
OMB	Office of Management and Budget
OPS	Office Paper Systems
PEPCO	Potomac Electric Power Company
PSA	Public Service Announcement
QSC	Qualification and Selection Committee
RFP	Request for Proposal
ROL	Reduced Operating Level
RRF	Resource Recovery Facility
SCA	Sugarloaf Citizens Association
SHA	State Highway Administration
SORRT	Smart Organizations Reduce and Recycle Tons
SDAT	State Department of Assessments and Taxation
SWAC	Solid Waste Advisory Committee
TCLP	Toxic Characteristic Leaching Procedure
TES	Technical Environmental Services
TPD	Tons Per Day
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
TXA 170	Computer Interface Program (Property Account Database)
UT	Ultra-sonic Testing